Index of Claims

Application No.

10/775,897

Examiner

David A Saunders, PhD

AXWORTHY ET AL.

Art Unit

Applicant(s)

1644

√ Rejected
= Allowed

- (Through numeral)
Cancelled

Restricted

N Non-Elected
I Interference

A Appeal
O Objected

|       | _                                      | _            | _                                                | _                                                |                                              | ,                                   | ,        |               |   |                                                  |          |                 |          |          |          |            |              |                         |                 |          | _          | _            |          |            |
|-------|----------------------------------------|--------------|--------------------------------------------------|--------------------------------------------------|----------------------------------------------|-------------------------------------|----------|---------------|---|--------------------------------------------------|----------|-----------------|----------|----------|----------|------------|--------------|-------------------------|-----------------|----------|------------|--------------|----------|------------|
| Claim | Т                                      |              |                                                  | - 1                                              | Date                                         | <u>—</u>                            |          |               |   | Cla                                              | aim      |                 |          |          |          | ate        | <del>,</del> |                         |                 | С        | laim       | Ι-           | _        |            |
| Final | 40/9/11                                | 231/05       | -                                                |                                                  |                                              |                                     |          |               |   | Final                                            | Original |                 |          |          |          |            |              |                         |                 | Final    | Original   |              |          |            |
| 1)    | 1                                      | <u>ا</u>     |                                                  | Г                                                | Г                                            | Г                                   |          |               | 1 |                                                  | 51       |                 |          |          |          | $\neg$     |              | 1                       |                 |          | 101        |              | $\Box$   | Г          |
| 1     | Ì                                      |              |                                                  |                                                  |                                              |                                     |          |               |   |                                                  | 52       |                 |          |          |          |            |              |                         |                 |          | 102        |              |          | Ī          |
| 3     |                                        |              |                                                  |                                                  |                                              |                                     |          |               |   |                                                  | 53       |                 |          |          |          |            |              |                         |                 |          | 103        |              |          |            |
| 4     | I                                      |              |                                                  |                                                  |                                              |                                     |          |               |   |                                                  | 54       |                 |          |          |          |            |              |                         |                 |          | 104        |              |          |            |
| 5     |                                        |              |                                                  |                                                  |                                              |                                     |          |               |   |                                                  | 55       |                 |          |          |          |            |              |                         |                 |          | 105        |              |          |            |
| 6     |                                        | L            |                                                  | L                                                | L                                            |                                     |          |               |   |                                                  | 56       |                 |          |          |          | _          | L            |                         |                 | L        | 106        | <u> </u>     |          | _          |
| 7     | ╄                                      | <u> </u>     | _                                                | _                                                |                                              |                                     |          | $\perp$       | 4 |                                                  | 57       | Ш               |          |          | _        | _          | _            | _                       | Ш               | ļ        | 107        |              | _        | 1          |
| 8     | <u> </u>                               | ļ            | _                                                | <u>_</u>                                         | <u> </u>                                     | _                                   |          |               | 4 |                                                  | 58       |                 | _        |          |          |            |              | <u> </u>                |                 |          | 108        |              | <u> </u> | ↓          |
| 9     | $\perp$                                | <u> </u>     |                                                  | <u> </u>                                         | _                                            | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |          |               | 4 | -                                                | 59       | $\Box$          | _        |          | _        | _          |              | $\perp$                 | Ш               |          | 109        | _            | <u> </u> | ــــ       |
| 10    | +-                                     | <u> </u>     | <u> </u>                                         | -                                                | <u>.                                    </u> | <u> </u>                            |          | -             | 4 |                                                  | 60       |                 |          |          |          |            |              |                         | $\vdash$        | <u> </u> | 110        | L_           | _        | <b>↓</b> _ |
| 11    | ┼-                                     | ₽-           | $\vdash$                                         | <u> </u>                                         | -                                            | <u> </u>                            |          | -             | - |                                                  | 61       | $\vdash \vdash$ | _        | $\Box$   |          | _          | $\dashv$     | +                       | $\sqcup$        | <u> </u> | 111        | <u> </u>     | $\vdash$ | ₩          |
| 12    | +                                      | ⊢            | ⊢                                                | -                                                | $\vdash$                                     | $\vdash$                            | $\vdash$ | +             | ┨ |                                                  | 62       | $\vdash$        | _        |          | $\dashv$ | -          | +            | +                       | $\vdash \vdash$ | $\vdash$ | 112        | ·            | $\vdash$ |            |
| 13    | +-                                     | ├            | -                                                |                                                  | -                                            | $\vdash$                            | $\vdash$ | +             | ┨ |                                                  | 63       |                 |          |          | -        |            |              |                         | $\vdash$        | -        | 113        |              | $\vdash$ | ┼          |
| 15    | +                                      | <del> </del> |                                                  |                                                  | $\vdash$                                     | -                                   |          | +             | ┨ |                                                  | 64<br>65 | $\dashv$        | $\dashv$ |          |          |            | +            | +                       | ┼┤              | -        | 114        | $\vdash$     | $\vdash$ |            |
| 1 (16 | 10                                     | ╘            | ├                                                |                                                  | ├                                            |                                     |          | $\dashv$      | ┨ |                                                  | 66       | $\dashv$        | -        | -        | -        | $\dashv$   | +            | +-                      | $\vdash$        | -        | 116        |              | ┢        | H          |
| 2 17  | ΊV,                                    | =            |                                                  | ├                                                | -                                            | -                                   | -        |               | ┨ |                                                  | 67       | -               | $\dashv$ |          | $\dashv$ |            | +            | +-                      | $\vdash$        | -        | 117        |              |          | ╁          |
| 3 18  | V,                                     | =            |                                                  |                                                  | $\vdash$                                     |                                     | $\dashv$ | +-            | ┪ | <del> </del>                                     | 68       |                 | $\neg$   |          | ᅥ        | -          | +            | +                       | ╁╌┤             | -        | 118        |              |          | ╁          |
| 4/ 19 | 1                                      | =            |                                                  | $\vdash$                                         |                                              |                                     | $\neg$   |               | 1 |                                                  | 69       | -               |          |          | 一        | ᅥ          | -            | +-                      | $\vdash$        |          | 119        |              |          | t          |
| 20    | Ť                                      | H            | H                                                |                                                  |                                              |                                     |          | $\top$        | 1 |                                                  | 70       |                 |          |          | 一        |            |              | $\top$                  | $\vdash$        |          | 120        |              |          | t          |
| 21    | 1                                      | Ħ            |                                                  |                                                  |                                              |                                     |          |               | 1 | ├ <b>-</b>                                       | 71       | _               |          |          | ヿ        | _          |              | +                       | H               |          | 121        |              |          | T          |
| 22    | T                                      | T            |                                                  | T                                                | Т                                            |                                     |          |               | 1 |                                                  | 72       | T               |          |          | T        | T          |              | 1                       | П               |          | 122        |              |          | T          |
| 23    |                                        |              |                                                  | $\vdash$                                         |                                              |                                     |          |               | 1 |                                                  | 73       |                 |          |          | $\neg$   | 一          |              |                         | П               |          | 123        |              |          | T          |
| 24    |                                        |              |                                                  |                                                  |                                              |                                     |          |               | ] |                                                  | 74       |                 |          |          |          |            |              |                         |                 |          | 124        |              |          | Π          |
| 25    |                                        |              |                                                  |                                                  |                                              |                                     |          |               | ] |                                                  | 75       |                 |          |          |          | $\equiv$ I |              |                         |                 |          | 125        |              |          |            |
| 26    |                                        | <u> </u>     | L.                                               | L                                                |                                              |                                     |          |               |   |                                                  | 76       |                 |          |          | $\Box$   |            |              | $\perp$                 | Ш               |          | 126        |              |          |            |
| 27    | ↓                                      | <u> </u>     | L                                                | L                                                | <u>L</u>                                     |                                     | $\Box$   |               | 1 |                                                  | 77       |                 |          |          | _        | _          |              |                         | Ш               |          | 127        |              | _        | <u> </u>   |
| 28    | _                                      | _            |                                                  |                                                  | _                                            |                                     |          |               | ↓ |                                                  | 78       |                 |          |          |          | _          |              |                         | Ш               |          | 128        | _            | L        | <u> </u>   |
| 29    | <u> </u>                               | ļ            | <u> _</u>                                        | L                                                | _                                            |                                     |          | $\perp$       | 4 | <u> </u>                                         | 79       |                 | _        |          | _        |            | $\perp$      |                         | $\sqcup$        | <u> </u> | 129        |              | ┕        | <u> </u>   |
| 30    | ╄                                      | ├-           | ļ                                                | <u> </u>                                         | <u> </u>                                     |                                     |          | $\perp$       | 4 | <u> </u>                                         | 80       |                 | _        |          | _        | _          | $\perp$      | -                       | $\vdash$        | <u> </u> | 130        |              | $\vdash$ | ╙          |
| 31    | -                                      | ├            | -                                                | -                                                | <u> </u>                                     |                                     | $\dashv$ |               | - |                                                  | 81       | $\dashv$        | $\dashv$ |          | $\dashv$ | $\dashv$   | +            | -                       | $\vdash$        | -        | 131        |              | _        | ▙          |
| 32    | +                                      | <u> </u>     | $\vdash$                                         | ├                                                | -                                            | -                                   | $\dashv$ |               | 4 | ├                                                | 82       | $\dashv$        | $\dashv$ |          | $\dashv$ | $\dashv$   | +            | +                       | $\vdash \vdash$ | -        | 132        | <u> </u>     | ⊢        | ⊢          |
| 33    | +                                      | $\vdash$     | <del>                                     </del> | ├                                                | $\vdash$                                     | -                                   | $\dashv$ |               | + | $\vdash$                                         | 83<br>84 | $\dashv$        | _        |          |          | $\dashv$   | +            | ╁                       | ⊣               | -        | 133<br>134 | ├            | $\vdash$ | $\vdash$   |
| 35    | ╁                                      | +-           | -                                                | ╁                                                | <del>  -  </del>                             | $\vdash$                            | $\dashv$ | +             | 1 | $\vdash$                                         | 85       | $\dashv$        | -        | $\vdash$ | $\dashv$ | $\dashv$   | +            | +                       | ┼┤              | <u> </u> | 135        | H            | $\vdash$ | ╁          |
| 36    | +                                      | $\vdash$     | -                                                | <del>                                     </del> | $\vdash$                                     | $\vdash$                            | $\vdash$ | +             | ┨ | $\vdash$                                         | 86       | $\vdash$        | $\dashv$ | -        | $\dashv$ |            | +            | ╁                       | $\vdash \vdash$ |          | 136        | $\vdash$     | $\vdash$ | $\vdash$   |
| 37    | +                                      | H            | Н                                                | Н                                                | Т                                            | $\Box$                              | $\vdash$ | $\dashv$      | 1 | <del>                                     </del> | 87       | $\dashv$        |          |          | -        |            | +            | +                       | $\vdash \vdash$ | -        | 137        | <del> </del> | $\vdash$ | $\vdash$   |
| 38    | $\top$                                 | T            | ┢                                                | ✝                                                | Т                                            | Г                                   |          |               | 1 |                                                  | 88       | $\vdash$        | $\neg$   |          |          | _          | +            | +                       | H               | <b> </b> | 138        | t            | $\vdash$ | T          |
| 39    | $\top$                                 | T            | Г                                                | Т                                                | Г                                            | П                                   | $\Box$   | $\top$        | 1 |                                                  | 89       | $\Box$          |          |          | 一        | $\dashv$   | $\dashv$     | $\top$                  | $\sqcap$        |          | 139        |              |          | <u> </u>   |
| 40    | Τ                                      | Γ            |                                                  | Γ                                                | Π                                            |                                     |          | $\neg$        | 1 |                                                  | 90       |                 |          |          | ヿ        | 寸          | $\top$       | $\top$                  | П               |          | 140        | İ            | Г        | П          |
| 41    | Ι                                      |              |                                                  |                                                  |                                              |                                     |          | $\neg \vdash$ | 1 |                                                  | 91       |                 |          |          |          | $\neg$     | $\top$       | T                       | П               |          | 141        | Γ            | Г        | П          |
| 42    |                                        |              |                                                  |                                                  |                                              |                                     |          |               | ] |                                                  | 92       |                 |          |          | ┚        |            |              |                         |                 |          | 142        |              |          |            |
| 43    |                                        |              |                                                  |                                                  |                                              |                                     |          |               | ] |                                                  | 93       |                 |          |          |          |            |              | $oldsymbol{\mathbb{T}}$ |                 |          | 143·       |              |          |            |
| 44    |                                        |              |                                                  |                                                  |                                              |                                     |          |               | 1 |                                                  | 94       |                 |          |          |          | $\Box$     | $\perp$      |                         | Ш               |          | 144        | 匚            |          |            |
| 45    | $\downarrow$                           | _            | <u> </u>                                         |                                                  | <u> </u>                                     |                                     |          |               | 1 | L                                                | 95       | $\Box$          |          |          | ]        |            |              | 4_                      | Ш               |          | 145        | _            | L        | L          |
| 46    | ــــــــــــــــــــــــــــــــــــــ | L            | <u> </u>                                         | <u> </u>                                         | <u> </u>                                     | L                                   |          | $\bot$        | 1 |                                                  | 96       | $\square$       | $\Box$   |          |          |            |              |                         | Ш               | L_       | 146        | <u> </u>     | <u> </u> | <u> </u>   |
| 47    | ╀                                      |              | <u> </u>                                         | <u> </u>                                         | <u> </u>                                     | $\vdash$                            |          | $\perp$       | 1 |                                                  | 97       | Щ               | _        |          | _        | _          | $\perp$      |                         | $\sqcup$        | <u> </u> | 147        | _            | <b>L</b> | <b>L</b>   |
| 48    | +                                      | <u> </u>     | <del> </del>                                     | ├-                                               | <del> </del>                                 | H                                   |          | - -           | 4 |                                                  | 98       | $\sqcup$        | 4        |          |          |            | +            | +-                      | ┾┤              |          | 148        | <b>!</b>     | <u> </u> | ـــ        |
| 49    | -                                      | ├—           | ⊢                                                | ├                                                | $\vdash$                                     | Н                                   | $\dashv$ | $\dashv$      | ┨ |                                                  | 99       | $\dashv$        | -        |          | _        | $\dashv$   | +            | +                       | Н               | -        | 149        | <u> </u>     | $\vdash$ | $\vdash$   |
| 50    |                                        |              | Щ                                                | L_                                               | L                                            | Ш                                   |          |               | ١ |                                                  | 100      | ل               |          |          | i        |            | L            |                         | لــــا          | L        | 150        | <b>L</b>     | Щ.       | <u>L</u>   |

| Cli      | Date                                                                                    |              |              |                                     |          |          |              |                    |          |                 |  |  |
|----------|-----------------------------------------------------------------------------------------|--------------|--------------|-------------------------------------|----------|----------|--------------|--------------------|----------|-----------------|--|--|
| 1 1      |                                                                                         |              |              |                                     |          |          |              |                    |          | П               |  |  |
| a        | Original                                                                                |              | '            |                                     |          |          |              |                    |          |                 |  |  |
| Final    | rig                                                                                     |              |              |                                     |          |          |              |                    |          |                 |  |  |
|          |                                                                                         |              |              |                                     |          |          |              |                    |          |                 |  |  |
|          | 101<br>102<br>103                                                                       |              |              |                                     |          |          |              |                    |          |                 |  |  |
|          | 102                                                                                     |              |              |                                     |          |          |              |                    |          |                 |  |  |
|          | 103                                                                                     |              |              |                                     |          |          |              |                    |          |                 |  |  |
|          | 104                                                                                     |              |              |                                     |          |          |              |                    |          |                 |  |  |
|          | 104<br>105<br>106<br>107<br>108<br>109<br>110                                           |              |              |                                     |          |          |              |                    | Ĺ        | Ш               |  |  |
|          | 106                                                                                     |              |              | _                                   | L        |          | _            |                    |          | Ш               |  |  |
|          | 107                                                                                     |              |              |                                     | L        |          | <u> </u>     | _                  |          | Ш               |  |  |
|          | 108                                                                                     | _            | <u> </u>     |                                     |          |          |              | <u> </u>           |          | Ш               |  |  |
|          | 109                                                                                     | _            | <u> </u>     |                                     | _        |          | <u> </u>     | $\vdash$           |          | Щ               |  |  |
|          | 110                                                                                     |              | <u> </u>     | _                                   | <u> </u> |          |              | _                  |          | Ц               |  |  |
|          | 111                                                                                     |              | H            |                                     | <u> </u> | <u> </u> | <u> </u>     | <u> </u>           | _        | Ш               |  |  |
| <u> </u> | 112                                                                                     |              | $\vdash$     | -                                   | <u> </u> | <u> </u> | $\vdash$     | $\vdash$           | $\vdash$ | Н               |  |  |
|          | 113                                                                                     |              | <u> </u>     |                                     |          |          | <del> </del> | <u> </u>           | $\vdash$ |                 |  |  |
|          | 114                                                                                     | $\vdash$     | H            | -                                   |          | _        | $\vdash$     | $\vdash$           | $\vdash$ | Н               |  |  |
|          | 115                                                                                     | H            | H            | Ļ                                   | $\vdash$ | _        | <u> </u>     | $\vdash$           | $\vdash$ | Н               |  |  |
|          | 112<br>113<br>114<br>115<br>116<br>117                                                  | H            | $\vdash$     | $\vdash$                            | $\vdash$ | -        | $\vdash$     | $\vdash$           | $\vdash$ | Н               |  |  |
|          | 112                                                                                     |              |              |                                     |          | -        |              |                    |          | Н               |  |  |
|          | 119                                                                                     |              | Н            |                                     | $\vdash$ |          |              |                    |          | Н               |  |  |
|          | 118<br>119<br>120<br>121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130 |              |              |                                     |          |          |              | $\vdash$           |          | Н               |  |  |
|          | 121                                                                                     |              |              |                                     | $\vdash$ |          |              |                    |          | H               |  |  |
|          | 122                                                                                     |              |              |                                     |          |          |              |                    |          | П               |  |  |
|          | 123                                                                                     |              |              |                                     |          |          |              |                    |          | П               |  |  |
|          | 124                                                                                     |              |              |                                     | Г        |          |              |                    |          | П               |  |  |
|          | 125                                                                                     |              |              |                                     |          |          |              |                    |          |                 |  |  |
|          | 126                                                                                     |              |              |                                     |          |          |              |                    |          |                 |  |  |
|          | 127                                                                                     |              |              | _                                   |          |          |              |                    | L        | Ш               |  |  |
|          | 128                                                                                     | L            |              | L                                   |          |          |              |                    |          | Ш               |  |  |
|          | 129                                                                                     |              |              |                                     |          |          |              |                    |          | Щ               |  |  |
| L        | 130                                                                                     |              |              |                                     | _        |          |              |                    |          | Ш               |  |  |
|          | 131                                                                                     |              |              |                                     | _        |          | <u> </u>     | L                  |          | Н               |  |  |
|          | 132                                                                                     | _            |              | $\vdash$                            |          | -        | <u> </u>     |                    | -        | Н               |  |  |
| <u> </u> | 132<br>133<br>134<br>135                                                                | <del> </del> |              | -                                   | $\vdash$ | _        | <u> </u>     | $\vdash$           | -        | Н               |  |  |
|          | 134                                                                                     | Н            |              |                                     | $\vdash$ |          | -            | $\vdash$           | $\vdash$ | Н               |  |  |
|          | 136                                                                                     | $\vdash$     |              |                                     | $\vdash$ |          | $\vdash$     |                    | $\vdash$ | Н               |  |  |
|          | 137                                                                                     | -            | H            |                                     | ┢        | ┢╌       | -            |                    |          | Н               |  |  |
| -        | 136<br>137<br>138                                                                       |              | $\vdash$     |                                     | $\vdash$ | Н        | $\vdash$     |                    |          | Н               |  |  |
|          | 139                                                                                     |              |              |                                     | $\vdash$ |          |              |                    |          | H               |  |  |
|          | 140                                                                                     |              |              |                                     |          | Г        |              |                    |          | П               |  |  |
|          | 141                                                                                     |              |              |                                     |          |          |              |                    |          |                 |  |  |
|          | 142                                                                                     |              |              |                                     |          |          |              |                    |          |                 |  |  |
|          | 143·                                                                                    |              |              |                                     |          |          |              |                    |          | Ш               |  |  |
|          | 144                                                                                     | L            | $oxed{oxed}$ | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | $\Box$   |          | L            | $oxedsymbol{oxed}$ | L        | Ш               |  |  |
|          | 145                                                                                     | Ш            | L.           | <u> </u>                            | <u>L</u> | <u>L</u> | <u>L</u>     | <u> </u>           | Ь.       | Ш               |  |  |
|          | 146                                                                                     |              | L.           | _                                   |          | <u> </u> | _            |                    | ļ.,      | Щ               |  |  |
|          | 147                                                                                     | L            |              | <u> </u>                            | Ш        | L        | <u> </u>     |                    | <u> </u> | Ш               |  |  |
|          | 148                                                                                     | ļ.,          |              |                                     | <u> </u> | _        | <u> </u>     |                    |          | Н               |  |  |
|          | 149                                                                                     | _            | $\vdash$     |                                     | $\vdash$ |          | <u> </u>     | $\vdash$           | $\vdash$ | $\vdash \dashv$ |  |  |
|          | 150                                                                                     |              |              | L                                   |          |          | <u> </u>     |                    |          |                 |  |  |